

Methods for Production and Purification of Nucleic Acid Molecules

ABSTRACT

5 The present invention is directed to methods for the production and
isolation of nucleic acid molecules. In particular, the invention concerns isolation
of mRNA molecules and the production and isolation of nucleic acid molecules
(*e.g.*, cDNA molecules or libraries), which may be single- or double-stranded.
Additionally, the invention concerns selection and isolation of particular nucleic
acid molecules of interest from a sample which may contain a population of
10 molecules. Specifically, the invention concerns affinity-labeled primer-adaptor
molecules which allow improved isolation and production of such nucleic acid
molecules, increasing both product recovery and speed of isolation.